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**TO:** Examiner Heng Der Day Facsimile #703-872-9306  
U. S. Patent Office

**FROM:** J. Paul Plummer Facsimile #713-431-4664  
713-431-7360

**DATE:** July 8, 2005

**RE:** U. S. Application No. 09/675,908, filed September 29, 2000  
Attorney Docket No. 97.095

Total Number of Pages Transmitted (including this cover page) 12

Transmitted by: Margaret Gnewuch  
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**MESSAGE:**

Following is a Response to Office Action mailed May 19, 2005 (9 pages); replacement Specification page 1; and replacement drawing (1 page).

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

JUL 08 2005

In re Application of: Chun Huh et al.	§      Examiner: Day, Herng Der
Filed: September 29, 2000	§      Art Unit: 2128
Serial No.: 09/675,908	§      Attorney Docket No.: 97.095
Title: Method and System for Simulating a Hydrocarbon-Bearing Formation	§      Confirmation No.: 8977

**VIA FACSIMILE**

July 8, 2005

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**RESPONSE TO OFFICE ACTION MAILED MAY 19, 2005**

Sir:

The following is in response to the Office Action mailed May 19, 2005.

**Amendments to the Specification** begin on page 2 of this paper.

**Amendments to the Drawings** begin on page 3 of this paper.

**Amendments to the Claims** are reflected in the listing of claims, which begins on page 4 of this paper.

**Remarks** begin on page 9 of this paper.